

Claims

What is claimed is:

1. An engine compartment, comprising:  
an engine enclosure;  
a venting apparatus in fluid communication with said engine enclosure; and  
wherein said venting apparatus includes a venting device and a throat portion.
2. The engine compartment of claim 1, further including a source of pressurized air in communication with said venting apparatus.
3. The engine compartment of claim 2, wherein said source of pressurized air is an engine, said engine being at least partially located in said engine enclosure.
4. The engine compartment of claim 1, wherein said source of pressurized air comprises an exhaust device having an end portion located substantially upstream of said throat portion.
5. The engine compartment of claim 1, wherein said venting apparatus has a cross-section of a substantially hourglass shape.

6. The engine compartment of claim 1, wherein said venting apparatus includes:

a gutter; and

a drain member in fluid communication with said gutter.

7. An engine compartment, comprising:

an engine enclosure;

a venting apparatus in fluid communication with said engine enclosure, said venting apparatus includes a throat portion; and

wherein said venting apparatus includes a geometry which increases the pressure differential at a location within the venting apparatus resulting in a higher rate of flow of engine compartment air from said engine enclosure.

8. The engine compartment of claim 7, including a source of pressurized air in communication with said venting apparatus.

9. The engine compartment of claim 8, wherein said source of pressurized air comprises an engine.

10. The engine compartment of claim 8, wherein said source of pressurized air discharges pressurized exhaust gas through said venting apparatus.

11. The engine compartment of claim 8, wherein the said source of pressurized air has an exhaust device having an end portion located substantially upstream of said throat portion.

12. A method of venting engine compartment air from an engine compartment using a source of pressurized air, the engine compartment includes a venting apparatus having a throat portion, comprising the steps of:

discharging pressurized exhaust gas from the source of pressurized air into the venting apparatus;

creating a pressure differential in the venting apparatus at the throat portion; and

drawing said engine compartment air into the venting apparatus as a result of the pressure differential.

13. A method of claim 12, wherein said source of pressurized air is an engine, and said step of discharging pressurizes exhaust gas is through an exhaust device coupled to said engine.